

MONUMENT RECORD

Corner ID: VanBu_A15

West 1/4 Corner

Section 19 – T08N – R02W, 2nd P.M.

Van Buren Township, Monroe County, Indiana

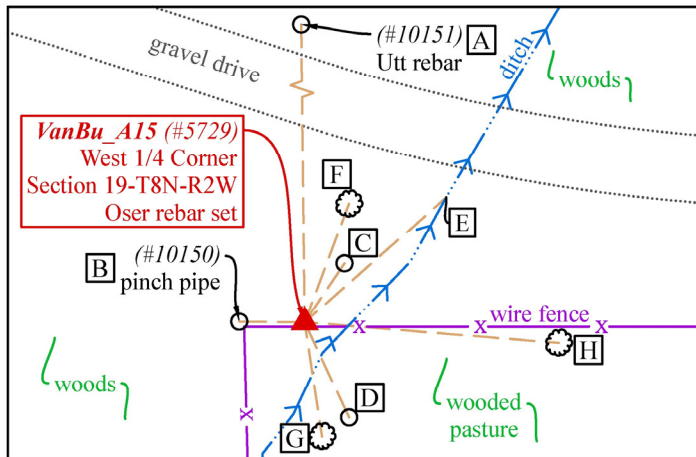


MONUMENT: Describe monument set or found (Include material type, scribing, distance above/below grade, dimensions.)

5/8" diameter by 24" long rebar with a 1-1/2" stainless steel cap stamped "OSER IN PS# 21100022" set 5" above grade 0.9 feet north of an east/west fence.

GEODETIC COORDINATES: Northing: 1408873.85, Easting: 3066450.10

MONUMENT LOCATION SKETCH: Attach a sketch and aerial image



WITNESS MONUMENT TIES: Describe at least three witness objects established or work done to preserve existing evidence.

ID	Bearing	Distance	Description
A	N 0°39'32" W	90.06'	8N3W_P25 – East 1/4 corner of Section 24-8N-3W (#10151) 1/2" rebar with a small yellow plastic cap stamped "UTT S-0089" found 2" tall next to a steel t-post
B	N 89°29'6" W	9.71'	3/4" pinch top iron pipe found 6" tall at the northwest base of a 12" wooden corner post with fence to the east and south (#10150)
C	N 33°45'47" E	10.66'	Rebarlite with Monroe County cap set flush on the west side of a small ditch
D	S 25°2'27" E	15.62'	Rebarlite with Monroe County cap set flush on the east side of a small ditch
E	N 48° E	28.2'	Top of 16" plastic culvert
F	N 20°E	19.0'	27" dbh shagbark hickory
G	S 9° E	17.2'	18" dbh shagbark hickory
H	S 85° E	37.9'	16" dbh shagbark hickory

Notes: Witness ties noted as a "Rebarlite" are a 1/5" x 1" neodymium magnet and 1/4" x 1-1/2 mag nail installed in a yellow 5/8" x 16" polycarbonate "Rebarlite" with a yellow plastic cap stamped "MONROE COUNTY WITNESS POINT" set flush. Witness ties A through D were located with RTK. Witness ties E through H were located radially with a conventional total station (Nikon Nivo) from points established by RTK.

MONUMENT PRESERVATION: Describe work done to preserve existing monument. Stone mounds should be placed around monuments when stones are readily available. Paint corner stones but not the scribing. A Monroe County "PROTECT NEARBY SURVEY MARKER" sign shall be attached to a steel post when practicable. Note location and relation of corner to sign.

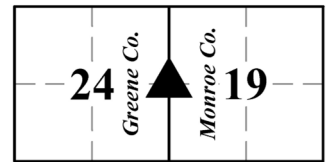
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A 5-foot steel t-post was set 0.9 feet south of the rebar in an east/west fence with a Monroe County Survey Marker sign attached 4 feet above grade facing north.

OTHER EVIDENCE: Describe corner location relative to nearby features and how to reach the corner location – note fences, roads, timber cutting lines, mow lines, clearings, plantings, streams, topo changes, etc.

The corner is approximately 30 feet south of the south edge of the gravel lane leading to the house at 13938 E Everitt Lane. It is in a wooded area on the north side of an east/west fence approximately 9 feet east of a fence corner.

PERPETUATION RECORD

EXISTING SURVEY HISTORY: Include as much detail and history of the corner as known at the time of perpetuation.

ORIGINAL GOVERNMENT SURVEY:

The original government surveyor did not establish the West 1/4 of Section 19.

SUBSEQUENT LEGAL SURVEY:

None noted.

OTHER SURVEY HISTORY: Include details such as surveyor name, date, recording info, monument description, etc.

Date	Surveyor	Description	File Location
03/15/1864	Spencer, James	Legal Survey in Sec.19-8N-2W <i>(Measured to this corner as part of running the Northwest quarter of Section 19, but did not describe or witness a monument)</i>	MCSO LSB2, pg 87
10/15/1979	Utt, Lee	Survey of two tracts in Section 19-8N-2W for Phil Jolly <i>(Origin of pinch top pipe found at Witness Tie B (#10150))</i>	Deckard Land Surveying
04/30/1998	Bledsoe, Ben	Corner Perpetuation for Greene County <i>(Calculated this corner at the midpoint between the northwest and southwest corners of Section 19. Noted that the pinch-top iron pipe was found 6" tall at a fence corner 5.2 feet south and 9.75 feet west of the calculated position.)</i>	GCSO

PREVIOUS CERTIFICATION: Is this monument perpetuated by the Monroe County Surveyor's Office?

No.

THEORY OF LOCATION: Describe the theory of location for acceptance of this monument.

The original government surveyor did not establish the West 1/4 of Section 19, and we found no record of a stone at this corner.

A 3/4" pinch-top pipe was found 6" above grade at the northwest base of a 12" wooden corner post with fence to the south and east. The pipe was set by Lee Utt at the West 1/4 corner of Section 19 as shown on a survey of two tracts for Phil Jolly dated October 15, 1979. Worksheets in Mr. Utt's file indicate that the pipe was set at an existing fence corner. The pipe is 9.71 feet west of the Range Line, as later established by Mr. Utt by holding the stone at the Northwest corner of Section 19 (VanBu_A13 #10110) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222). We held the pipe to establish the south line of the Northwest quarter of Section 19 but did not accept it as the quarter corner.

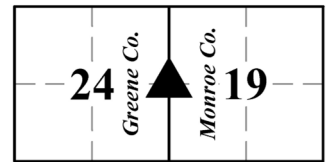
We established this corner at the intersection of the east line of Section 24-T8N-R3W as measured between the Utt rebar at the East 1/4 corner of Section 24 (8N3W_P25 #10151) and the railroad spike at the Southwest corner of Section 19 (VanBu_A17 #10222) with the westerly extension of the line from the pinch top pipe found at #10195 (also set by Mr. Utt in 1979) through the pinch top pipe found at #10150. The corner thus established is 5.10 feet north and 0.20 feet west of the midpoint between opposite quarter corners.

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UNCERTAINTIES IN THE CORNER LOCATION DUE TO:

- Variances in the Monumentation: 9.7 feet.
- Discrepancies in the Documents: 5.1 to 9.7 feet. • Inconsistencies in the lines of Occupation: 9.7 feet.
- Theoretical Uncertainty (Random Errors in Measurement): The Relative Positional Accuracy of this survey is within the specifications for an Indiana Rural Survey (0.26 feet plus 200 ppm) as defined in IAC 865.

PHOTO IDENTIFIED: Photograph close-up photo of monument and a vicinity photo with photo orientation and date.

Photo Date: August 21, 2024



Photo Orientation & Description: Rebar set at A15



Photo Orientation & Description: Looking south at A15 with pinch pipe at fence corner visible on the far right side of the photo

FIELD PERSONNEL:

Field Date: 05/01/2024, 05/09/2024, and 08/21/2024 By: Rachel Oser and Phillip Oser Project #: OSM #10269

Field Book: OSM 7/19 and OSM 7/57

BASIS OF GEODETIC COORDINATES: Describe equipment used to collect coordinates, datum, epoch, geoid, and zone. The basis of bearings is Grid North System NAD83(2011)/Indiana West NAVD 88, Epoch 2010.0000, geoid18b_conus.db3, US Survey Feet. This project was referenced to the National Spatial Reference System CORS network using the JAVAD GNSS Data Online Processing Service (DPOS) to post-process static observations collected with a Javad Triumph 3 base. Reported coordinates were determined from static, RTPK, or RTK GNSS observations (Javad Triumph LS Rover) or radially with a conventional total station (Nikon Nivo) from points established by GNSS observations. Distances obtained with GPS have not been adjusted to ground.

CERTIFICATION:

Professional Surveyor Name: Rachel Oser

Indiana Professional Surveyor No.: 21100022

Firm Name: Oser Surveying & Mapping LLC Date:
September 17, 2024

Signature:

Seal:

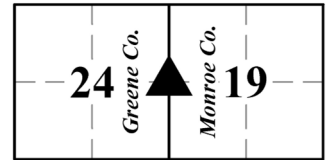


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Van Buren Township, Monroe County, Indiana



NOTICE TO PROCEED AND MONUMENT RECORD FORM ISSUED TO:

Offeror Name:	Rachel Oser	Firm Name:	Oser Surveying & Mapping LLC
Phone:	812-320-2694	Email:	Rachel@OserSurveying.com
Corner Classification:	Referenced	Corner Coordinate Status:	GIS
Issue Date:	02/21/2024	Form Due Date:	11/15/2024
		Form Receipt Date:	09/17/2024

OFFICE USE ONLY

This document is not complete without the associated plat and report of even date.



A handwritten signature in black ink, appearing to read "Trohn Enright-Randolph".

Date: 10/15/2024

Trohn Enright-Randolph

Monroe County Surveyor



A handwritten signature in black ink, appearing to read "Donna K. Smith".

Accepted by the Monroe County

Surveyor Review Board on

10/15/2024